


Faculty Profile

	Dr. V. HARIRAM	Academic Credentials
		<ul style="list-style-type: none"> • Under-Graduation: B.E (Mechanical Engineering) – University of Madras • Post-Graduation: M.E (Automobile Engineering) – MIT, Anna University • Doctoral Degree: Ph.D (Mechanical) – Anna University Chennai
Designation	Professor	Experience
E-Mail ID	hariram@hindustanuniv.ac.in	<ul style="list-style-type: none"> • Teaching – 15 years • Industry – 1 years
Scopus	https://www.scopus.com/authid/detail.uri?authorId=57200941100	Research Areas
Google Scholar	https://scholar.google.co.in/citations?hl=en&user=qU4wBJIAAAAJ&view_op=list_works&sortby=pubdate	<ul style="list-style-type: none"> • Bioenergy • Engine Combustion • Optimizations studies
Recent Publications		
<ol style="list-style-type: none"> 1. Hariram, V., Jeffrey, J.A., Sangeethkumar, E., Paul, R.C., Dalal, A.H., Menon, S.S., Kumar, M.V., John, J.G. Potential of Oxygenated Palm Stearin Wax-An Agricultural Waste as Biofuel in a CI Engine – An RSM Approach (2022) <i>International Journal of Renewable Energy Research</i>, 12 (3), pp. 1601-1613. DOI: 10.20508/ijrer.v12i3.13121.g8546 2. Venkatesan, H., Johnrose, G.J., Arumugam, S., Mari, V.K., Moorthy, B., Stalin, J.S., Vasudev, K.L. Optimized Biodiesel Production from C. Inophyllum Bio-Oil Using Kriging and ANN Predictive Models (2022) <i>Thermal Science</i>, 26 (5), pp. 4217-4232. DOI: 10.2298/TSCI211127032V 3. Venkatesan, H., A, B., Sivamani, S. Evaluating the Predicting Capability of Response Surface Methodology on Biodiesel Production from Grape Seed Bio-oil (2022) <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i>, 44 (1), pp. 2473-2488. DOI: 10.1080/15567036.2019.1649759 4. Hariram, V., Godwin John, J., Rao, S., Baji Babavali, S.K., Muni Lokesh, S., Tejeswar Reddy, D., Seralathan, S. Biodiesel Extraction from Chicken Fat and Its Effect on the Performance and Emission Characteristics of the Diesel Engine (2021) <i>Nature Environment and Pollution Technology</i>, 20 (4), pp. 1757-1763. DOI: 10.46488/NEPT.2021.v20i04.041 5. Venkatesan, H., Rose, G.J.J., Vijayarengan, P., Sivamani, S., Krishnan, J., Thomai, M.P. Predicting the combustion behaviour of compression ignition engine fuelled with biodiesel from <i>Stoechospermum marginatum</i>, a macro algae(2021) <i>Environmental Science and Pollution Research</i>, 28 (45), pp. 63464-63479. DOI: 10.1007/s11356-020-10048-z 		
Patents		
1.	Hariram V, Seralathan S, Sathish S. "A Method for Replacement of Forged Automotive Wheel with GFR Sheet Moulding Compound Material". IP Australia Application no. 2021106042 Granted on 24.11.2021 by Australian Government Innovation Patent (AusPat), Australia	
2.	Sathish S, Seralathan S, Hariram V. "A System and Method to Improve Biogas Production from Designed Floating Dome Anaerobic Digester". IP Australia Application no. 2021106355 Granted on 13.11.2021 by Australian Government Innovation Patent (AusPat), Australia	
3.	Seralathan S, Sathish S, Hariram V. "An Aerodynamically Upgraded Bach Type Rotor Device with External Overlapping of Blades". IP Australia Application no. 2021106040 Granted on 11.11.2021 by Australian Government Innovation Patent (AusPat), Australia	
4.	Hariram V, Seralathan S and Micha Premkumar T. "Design and Fabrication of Batch type Pyrolysis reactor to Transform Heterogeneous Waste Plastic into Fuel", IPR No. 201941014664, Published on 16.10.2020 by the (IPO) Patent Office, Intellectual India, Government of India.	
5.	Seralathan S, Hariram V and Micha Premkumar T. "Flat Plate Collector to Heat Water for Domestic Application using Natural Fibre as Thermal Insulator", IPR No. 201941014655 Published on 16.10.2020 by the (IPO) Patent Office, Intellectual India, Government of India.	
6.	Micha Premkumar T, Hariram V and Seralathan S. "Power Augmentation in Vertical Axis Small Wind Turbine using Magnetic Bearing and Booster Nozzle combination", IPR No. 201941014657 Published on 16.10.2020 by the (IPO) Patent Office, Intellectual India, Government of India.	
Awards and Honours		

1.	Best Teacher Award - 2019 and 2021 by Hindustan Institute of Technology and Science
2.	Research Publication award – 2018, 2019, 2020 and 2022
3.	Primary Evaluator award – Toycathon 2021 - Ministry of Education's Innovation Cell, Govt. of India held between 22 nd and 24 th June 2021